

USSN: 09/666,928

Atty. Docket No.: 10188/2

Amdt. dated March 22, 2004

Reply to Office Action of January 21, 2004

---

**Amendment to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF THE CLAIMS:**

Claims 1-8 (cancelled).

Claim 9 (Withdrawn): A method of packaging a frozen novelty, comprising:

- i) providing a frozen ice cream preparation,
- ii) enclosing the ice cream preparation in a heat-sealable white opaque multilayer plastic film, and
- iii) sealing the film to enclose the frozen ice cream preparation.

Claim 10 (Withdrawn): The method of claim 9 wherein the heat-sealable white opaque multilayer plastic film comprises:

- i) a cavitated core layer comprising polypropylene and having a first and a second surface;
- ii) a top tie layer comprising polypropylene and a whitening agent, said top tie layer positioned adjacent to said first surface of the core layer;
- iii) a top skin layer comprising polypropylene or a polyolefin terpolymer, an antiblock agent, said top skin layer positioned adjacent to said top tie layer;
- iv) a bottom tie layer comprising polypropylene, said bottom tie layer positioned adjacent to said second surface of the core layer; and
- v) a bottom skin layer comprising a polyolefin terpolymer, and one or more antiblock agents or antiblock slip agents, said bottom skin positioned adjacent to said bottom tie layer.

Claim 11-12 (Cancelled)

USSN: 09/666,928

Atty. Docket No.: 10188/2

Amdt. dated March 22, 2004

Reply to Office Action of January 21, 2004

---

Claim 13 (Previously Presented): A heat-sealable multilayer white opaque plastic film, comprising:

- i) a cavitated core layer comprising polypropylene homopolymer of high stereo-regularity and a cavitating agent comprising polybutylene terephthalate, said core layer having a first and a second surface;
- ii) a top tie layer comprising polypropylene and TiO<sub>2</sub>, said top tie layer being positioned adjacent to said first surface of the core layer;
- iii) a top skin layer comprising polypropylene, SiO<sub>2</sub> and methyl acrylate antiblock agent; said top skin layer being positioned adjacent to said top tie layer;
- iv) a bottom tie layer comprising polypropylene, said bottom tie layer being positioned adjacent to said second surface of the core layer; and
- v) a bottom skin layer comprising an ethylene-propylene-butylene terpolymer having a DSC (differential scanning calorimetry) melting point of about 122.5°C, further comprises SiO<sub>2</sub>, silicone oil antiblock, and crosslinked silicone slip agent; said bottom skin layer being positioned adjacent to said bottom tie layer; and

wherein the film does not exhibit creep in a Hayssen Vertical Fill, Form and Seal (VFFS) hot tack test at 280-310°F.

Claim 14 (Previously Presented): The film according to claim 13, wherein:

- i) the SiO<sub>2</sub> and methyl acrylate antiblock agent of the top skin layer comprises from about 0.1% by weight to about 0.5% by weight SiO<sub>2</sub> and from about 0.1% by weight to about 0.5% by weight of methyl acrylate;
- ii) the top tie layer comprises up to 10% by weight TiO<sub>2</sub>; and
- iii) the core layer comprises from about 7% by weight to about 9% by weight polybutylene terephthalate.

Claim 15 (Previously Presented): The film according to claim 14, wherein:

- i) the top skin layer comprises from about 0.15% by weight to about 0.3% by weight SiO<sub>2</sub> in the form of coated silica and from about 0.15% by weight to about 0.25% by weight methyl acrylate;

USSN: 09/666,928

Atty. Docket No.: 10188/2

Amdt. dated March 22, 2004

Reply to Office Action of January 21, 2004

---

- ii) the core layer comprises about 8% by weight polybutylene terephthalate; and
- ii) the bottom skin layer comprises an ethylene-propylene-butylene terpolymer and further comprises from about 0.6% by weight to about 2.4% by weight silicone oil antiblock, and from about 0.15% by weight to about 0.3% by weight crosslinked silicone slip agent.

Claim 16 (Previously Presented): The film according to claim 13, wherein the total thickness of the film is about 1mil and

- i) the top skin layer comprises about 2.5% of the total film thickness;
  - ii) the top tie layer comprises about 15% of the total film thickness;
  - iii) the core layer comprises about 63% of the total film thickness;
  - iv) the bottom tie layer comprises about 15% of the total film thickness; and
- the bottom skin layer comprises about 4% of the total film thickness.

Claim 17 (Previously Presented): A heat-sealable multilayer white opaque plastic film, comprising:

- i) a cavitated core layer comprising polypropylene homopolymer of high stereoregularity; a cavitating agent comprising polybutylene terephthalate, said core layer having a first and a second surface;
- ii) a top tie layer comprising polypropylene and TiO<sub>2</sub>, said top tie layer being positioned adjacent to said first surface of the core layer;
- iii) a top skin layer comprising an ethylene-propylene-butylene terpolymer, SiO<sub>2</sub> and methyl acrylate antiblock agent, said top skin layer being positioned adjacent to said top tie layer;
- iv) a bottom tie layer comprising polypropylene, said bottom tie layer being positioned adjacent to said second surface of the core layer; and
- v) a bottom skin layer comprising an ethylene-propylene-butylene terpolymer having a DSC (differential scanning calorimetry) melting point of about 122.5°C and further comprises silicone oil antiblock, and crosslinked silicone slip agent; said bottom skin layer being positioned adjacent to said bottom tie layer; and

USSN: 09/666,928

Atty. Docket No.: 10188/2

Amdt. dated March 22, 2004

Reply to Office Action of January 21, 2004

---

wherein the film does not exhibit creep in a Hayssen Vertical Fill, Form and Seal (VFFS) hot tack test at 280-310°F.

Claim 18 (Previously Presented): The film according to claim 17, wherein:

- i) the SiO<sub>2</sub> and methyl acrylate antiblock agent of the top skin layer comprises from about 0.1% by weight to about 0.5% by weight SiO<sub>2</sub> and from about 0.1% by weight to about 0.5% by weight of methyl acrylate;
- ii) the top tie layer comprises up to 10% by weight TiO<sub>2</sub>; and
- iii) the core layer comprises from about 7% by weight to about 9% by weight polybutylene terephthalate.

Claim 19 (Previously Presented): The film according to claim 18, wherein:

- i) the top skin layer comprises ethylene-propylene-butylene-terpolymer and further comprises from about 0.15% by weight to about 0.3% by weight SiO<sub>2</sub> in the form of coated silica, and from about 0.15% by weight to about 0.25% by weight methyl acrylate antiblock agent;
- ii) the core layer comprises from about 7% by weight to about 9% by weight polybutylene terephthalate, from about 500ppm to about 700ppm phosphite antioxidant, and from about 200ppm to about 400ppm fluoropolymer anti-condensing agent; and
- iii) the bottom skin layer comprises ethylene-propylene-butylene terpolymer and further comprises from about 0.6% by weight to about 2.4% by weight silicone oil antiblock, and from about 0.15% by weight to about 0.3% by weight crosslinked silicone slip agent.

Claim 20 (Previously Presented): The film according to claim 17, wherein the total thickness of the film is about 1mil and

- i) the top skin layer comprises about 2.5% of the total film thickness;
- ii) the top tie layer comprises about 15% of the total film thickness;
- iii) the core layer comprises about 63% of the total film thickness;
- iv) the bottom tie layer comprises about 15% of the total film thickness; and
- v) the bottom skin layer comprises about 4% of the total film thickness.